**CP Algebra II** Name:

**Mrs. Britton**

**5.5 & 5.6 Practice** Date:

**Identify the vertex, the axis of symmetry, and all intercepts for the given quadratic functions. Then sketch a graph of each.**

1.  2. 

**Find the discriminant for each quadratic & determine the number of real & imaginary solutions.**

3.  4. 

5. 

**Find all of the zeros of the polynomial function (real and imaginary)**.

6.  7. 

8. 

**Solve each quadratic equation using any method.**

9.  10. 

11.  12. 